

GOVERNMENT OF ANDHRA PRADESH  
ABSTRACT

I&CAD Deptt. - Usage of Portland Slag Cement in all Engineering Departmental works - Approved - Orders - Issued.

**IRRIGATION AND CAD (REFORMS) DEPARTMENT**

G.O.Ms.No.47.

Dated:18-09-2014.

Read the following:-

- 1) From the Associated Vice President, Marketing, M/s.JSW Cement Limited, Secunderabad, dated:Nil.
- 2) Govt.Memo.No.2286/Reforms/A1/2013, dated:30.01.2013.
- 3) From the E.N.C.(IW), Hyd., Lr.No.ENC/IW/P&M/EE.I/DEE.8/ 61108/08/V, dt:14.05.2013.
- 4) Govt.Memo.No.2286/Reforms /A1/2013, dated:10.07.2013.
- 5) From the E.N.C.(IW), Hyd., Lr.No.ENC/IW/P&M/EE.I/DEE.8/ 61108/V, dated:02.12.2013.
- 6) Govt.Memo.No.2286/Reforms/A1/2013, dated:25.02.2014.
- 7) From the E.N.C.(IW) & Chairman, BOCEs, Hyd., Lr.No.ENC/IW/ P&M/EE.I/DEE.8/61108/08/V, dated:06.05.2014

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ORDER:

In the reference 1<sup>st</sup> read above, M/s.JSW Cement Limited have represented to the Government for use of Portland Slag Cement (PSC) in Departmental works, which is being used by other Government Departments.

2. In the reference 2<sup>nd</sup> and 4<sup>th</sup> read above, a report has been called for from the Engineer-in-Chief(IW), Hyderabad for its usage by all Departmental works, duly comparing the cost of Portland Slag Cement with the cost of other Cements and its market share Vis-à-vis with other cements.

3. In the reference 3<sup>rd</sup> and 5<sup>th</sup> read above, the Engineer-in-Chief(IW), Hyderabad has submitted the proposals for the use of Portland Slag Cement by all the Departments because of its superior Engineering properties and other advantages like 1) Higher strength over a period of time, 2) Better workability, 3) Most Environment friendly, 4) Max. Reduction in heat of hydration, 5) High ultimate strength, 6) High Impermeability, 7) Excellent resistance to Chloride penetration, 8) Excellent resistance to Sulphate attacks, 9) Low risk of Cracking, 10) Savings in cost of Concrete and most importantly it is suitable for severe exposure conditions. Issue was discussed by him in the Committee of Board of Chief Engineers and also comparison of cost of Portland Slag Cement with the cost of other cements and submitted proposals to the Government for consideration of Portland Slag Cement with **BIS certificate mark license** as per **IS 455-1989** (i.e. Specification covering the manufacturing and Chemical & Physical requirements for Portland Slag Cement) and recommended for use in all Engineering Departments because of its advantages stated above. The TR&B Department has also confirmed the rates of Cement in accordance with the orders issued in G.O.Rt.No.882, TR&B(R.I) Deptt., dated:10.09.2013, G.O.Rt.No.963, TR&B(R.I)Dept., dated:17.10.2013 and G.O.Rt.No.1135, TR&B(R.I)Dept., dt:14.11.2013.

P.T.O.,

4. Government after careful examination of the proposal of the Engineer-in-Chief(IW), Hyderabad hereby accord approval for the use of Portland Slag Cement by all Engineering Departments because of its superior Engineering properties and other advantages like 1) Higher strength over a period of time, 2) Better workability, 3) Most Environment friendly, 4) Maximum Reduction in heat of hydration, 5) High ultimate strength, 6) High Impermeability, 7) Excellent resistance to Chloride penetration, 8) Excellent resistance to Sulphate attacks, 9) Low risk of Cracking, 10) Savings in cost of Concrete and most importantly it is suitable for severe exposure conditions. If any deviation is noticed at a later dates in the Engineering properties and other advantages, the usage of cement shall be dispensed with.

5. The Engineer-in-Chief(IW), Hyderabad shall take necessary action in the matter accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

ADITYA NATH DAS,  
PRINCIPAL SECRETARY TO GOVERNMENT.

To

All Engineers-in-Chief, I&CAD Department,  
Jalasoudha Buildings, Errum Manzil, Hyderabad.

All Engineers-in-Chief in all Departments in the State of A.P.

Copy to:

The TR&B (Roads.I) Department.

The P.S. to Minister (ICAD&WRM).

The P.S. to Principal Secretary to Government(AD).

The Associated Vice President(Mktg.), M/s.JSW Cement Limited, 3<sup>rd</sup> Floor,  
Block-B, Surya Towers, 105, Sardar Patel Road, Secunderabad- 500  
003.

SF/SC.

//FORWARDED :: BY ORDER//

SECTION OFFICER.